

What is claimed is:

1. A fungi resistant asphalt, comprising:
asphalt; and a fungi growth-inhibiting agent in the asphalt in amounts that result in a fungi resistant asphalt having more fungi growth resistance than the asphalt without the fungi growth-inhibiting agent.
2. The fungi resistant asphalt according to claim 1, wherein:
the fungi resistant asphalt tested in accordance with ASTM Test Designation C 1338-00 is fungi growth resistant.
3. The fungi resistant asphalt according to claim 1, wherein:
the fungi resistant asphalt tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant with no observable fungi growth.
4. The fungi resistant asphalt according to claim 1, wherein:
the asphalt without the fungi growth-inhibiting agent is not fungi growth resistant; and the fungi resistant asphalt tested in accordance with ASTM Test Designation D 2020 - 92 is fungus resistant.
5. The fungi resistant asphalt according to claim 1, wherein:
the asphalt without the fungi growth-inhibiting agent is not fungi growth resistant; and the fungi resistant asphalt tested in accordance with ASTM Test Designation G 21 – 96 has a rating of 1 or less.
6. The fungi resistant asphalt according to claim 1, wherein:
the fungi growth-inhibiting agent comprises 2-(4-Thiazolyl) Benzimidazole.
7. The fungi resistant asphalt according to claim 6, wherein:
the fungi resistant asphalt contains between 200 and 2000 ppm 2-(4-Thiazolyl) Benzimidazole.
8. The fungi resistant asphalt according to claim 6, wherein:

the fungi resistant asphalt contains between 300 and 700 ppm 2-(4-Thiazolyl) Benzimidazole.

9. The fungi resistant asphalt according to claim 1, wherein:

the fungi resistant asphalt contains an odor-reducing additive in an amount sufficient to substantially eliminate odor that would otherwise be emitted by the fungi resistant asphalt.

10. The fungi resistant asphalt according to claim 1, wherein:

the fungi growth-inhibiting agent includes two or more fungi growth-inhibiting agents.

11. The fungi resistant asphalt according to claim 10, wherein:

the fungi growth-inhibiting agent includes 2-(4-Thiazolyl) Benzimidazole and Zinc Pyrithione.

12. An asphalt containing sheet material, comprising:

a fibrous base sheet having a first major surface and a second major surface; the fibrous base sheet containing a fungi resistant asphalt comprising an asphalt having a fungi growth-inhibiting agent therein in amounts that result in the fungi resistant asphalt having more fungi growth resistance than the asphalt without the fungi growth-inhibiting agent.

13. An asphalt containing sheet material, comprising:

a fibrous base sheet having a first major surface and a second major surface; and

a fungi resistant asphalt layer on the first major surface of the fibrous base sheet that is partially absorbed into the fibrous base sheet; the fungi resistant asphalt layer comprising an asphalt having a fungi growth-inhibiting agent therein in amounts that result in the fungi resistant asphalt having more fungi growth resistance than the asphalt without the fungi growth-inhibiting agent.

14. The asphalt containing sheet material according to claim 13, wherein:

the second major surface of the fibrous base sheet is essentially free of asphalt.

15. The asphalt containing sheet material according to claim 13, wherein:
the fibrous base sheet without the fungi resistant asphalt layer is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant.

16. The asphalt containing sheet material according to claim 15, wherein:
the second major surface of the fibrous base sheet is essentially free of asphalt.

17. The asphalt containing sheet material according to claim 13, wherein:
the fibrous base sheet without the fungi resistant asphalt layer is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant with no observable fungi growth.

18. The asphalt containing sheet material according to claim 17, wherein:
the second major surface of the fibrous base sheet is essentially free of asphalt.

19. The asphalt containing sheet material according to claim 13, wherein:
the fibrous base sheet without the fungi resistant asphalt layer is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation D 2020 - 92 is fungus resistant.

20. The asphalt containing sheet material according to claim 13, wherein:
the fibrous base sheet without the fungi resistant asphalt layer is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation G 21 - 96 has a rating of 1 or less.

21. The asphalt containing sheet material according to claim 13, wherein:
the fibrous base sheet without the fungi resistant asphalt layer is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant.

22. The asphalt containing sheet material according to claim 21, wherein:

the second major surface of the fibrous base sheet is essentially free of asphalt.

23. The asphalt containing sheet material according to claim 13, wherein: the fibrous base sheet without the fungi resistant asphalt layer is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant with no observable fungi growth.

24. The asphalt containing sheet material according to claim 23, wherein: the second major surface of the fibrous base sheet is essentially free of asphalt.

25. The asphalt containing sheet material according to claim 13, wherein: the fibrous base sheet without the fungi resistant asphalt layer is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation D 2020 - 92 is fungus resistant.

26. The asphalt containing sheet material according to claim 13, wherein: the fibrous base sheet without the fungi resistant asphalt layer is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation G 21 - 96 has a rating of 1 or less.

27. The asphalt containing sheet material according to claim 13, wherein: the fungi growth-inhibiting agent comprises 2-(4-Thiazolyl) Benzimidazole.

28. The asphalt containing sheet material according to claim 27, wherein: the fungi resistant asphalt contains between 200 and 2000 ppm 2-(4-Thiazolyl) Benzimidazole.

29. The asphalt containing sheet material according to claim 27, wherein: the fungi resistant asphalt contains between 300 and 700 ppm 2-(4-Thiazolyl) Benzimidazole.

30. The asphalt containing sheet material according to claim 27, wherein:

the fungi resistant asphalt layer contains about 2 grams of 2-(4-Thiazolyl) Benzimidazole per each 1000 square feet of the fungi resistant asphalt layer.

31. The asphalt containing sheet material according to claim 13, wherein:
the asphalt containing sheet material consists essentially of the fibrous base sheet and the fungi resistant asphalt layer that is substantially coextensive with the second major surface of the fibrous base sheet.

32. The asphalt containing sheet material according to claim 13, wherein:
the fungi resistant asphalt layer contains an odor-reducing additive in an amount sufficient to substantially eliminate odor that would otherwise be emitted by the fungi resistant asphalt layer.

33. The asphalt containing sheet material according to claim 13, wherein:
the fungi growth-inhibiting agent includes two or more fungi growth-inhibiting agents.

34. The asphalt containing sheet material according to claim 33, wherein:
the fungi growth-inhibiting agent includes 2-(4-Thiazolyl) Benzimidazole and Zinc Pyrithione.

35. The asphalt containing sheet material according to claim 13, wherein:
the fibrous base sheet is a fiberboard.

36. The asphalt containing sheet material according to claim 13, wherein:
the asphalt containing sheet material is a roofing material.

37. An asphalt containing sheet material, comprising:
a fibrous base sheet having a first major surface and a second major surface; and

a fungi resistant asphalt layer on the first major surface of the fibrous base sheet and a fungi resistant asphalt layer on the second major surface of the fibrous base sheet that are partially absorbed into the fibrous base sheet; the fungi resistant asphalt layers comprising an asphalt having a fungi growth-inhibiting agent therein

in amounts that result in the fungi resistant asphalt having more fungi growth resistance than the asphalt without the fungi growth-inhibiting agent.

38. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant.

39. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant.

40. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant with no observable fungi growth.

41. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation C 1338 - 00 is fungi growth resistant with no observable fungi growth.

42. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation D 2020 - 92 is fungus resistant.

43. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation D 2020 - 92 is fungus resistant.

44. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is not fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation G 21 – 96 has a rating of 1 or less.

45. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet without the fungi resistant asphalt layers is fungi growth resistant; and the asphalt containing sheet material tested in accordance with ASTM Test Designation G 21 – 96 has a rating of 1 or less.

46. The asphalt containing sheet material according to claim 37, wherein: the fungi growth-inhibiting agent comprises 2-(4-Thiazolyl) Benzimidazole.

47. The asphalt containing sheet material according to claim 46, wherein: the asphalt containing sheet material contains between 200 and 2000 ppm 2-(4-Thiazolyl) Benzimidazole.

48. The asphalt containing sheet material according to claim 46, wherein: the asphalt containing sheet material contains between 300 and 700 ppm 2-(4-Thiazolyl) Benzimidazole.

49. The asphalt containing sheet material according to claim 46, wherein: the fungi resistant asphalt layers each contain about 2 grams of 2-(4-Thiazolyl) Benzimidazole per each 1000 square feet of the fungi resistant asphalt layer.

50. The asphalt containing sheet material according to claim 32, wherein: the asphalt containing sheet material consists essentially of the fibrous base sheet and the fungi resistant asphalt layers that are substantially coextensive with the first and second major surfaces of the fibrous base sheet.

51. The asphalt containing sheet material according to claim 37, wherein: the fungi resistant asphalt layers each contain an odor-reducing additive in an amount sufficient to substantially eliminate odor that would otherwise be emitted by the fungi resistant asphalt layer.

52. The asphalt containing sheet material according to claim 37, wherein: the fungi growth-inhibiting agent includes two or more fungi growth-inhibiting agents.

53. The asphalt containing sheet material according to claim 52, wherein: the fungi growth-inhibiting agent includes 2-(4-Thiazolyl) Benzimidazole and Zinc Pyrithione.

54. The asphalt containing sheet material according to claim 37, wherein: the fibrous base sheet is a fiberboard

55. The asphalt containing sheet material according to claim 37, wherein: the asphalt sheet material is a roofing material.

56. A fungi resistant asphalt containing sheet material, comprising:
a polymeric film base sheet having a first major surface and a second major surface; and

a fungi resistant asphalt layer on the first major surface of the polymeric film base sheet; the fungi resistant asphalt layer comprising an asphalt having a fungi growth-inhibiting agent therein in amounts that result in the fungi resistant asphalt having more fungi growth resistance than the asphalt without the fungi growth-inhibiting agent.

57. The fungi resistant asphalt containing sheet material according to claim 56, wherein:

the fungi resistant asphalt layer is partially absorbed into the polymeric film base sheet.

58. The fungi resistant asphalt containing sheet material according to claim 56, including:

a fungi resistant asphalt layer on the second major surface of the polymeric film base sheet; the fungi resistant asphalt layer comprising an asphalt having a fungi growth-inhibiting agent therein in amounts that result in the fungi resistant asphalt having more fungi growth resistance than the asphalt without the fungi growth-inhibiting agent.

59. The fungi resistant asphalt containing sheet material according to claim 58, wherein:

the fungi resistant asphalt layers are partially absorbed into the polymeric film base sheet.